



Product Datasheet

Part Code: See specification

IP67 High Speed Vehicle Roof-Mounted PTZ Dome – HD with IR Lighting

Key Features

- 2MP 1080p Full HD Resolution
- 30X and 37X Optical zoom lens options
- Supports Multiple Video Interface options – IP (TCP/IP) / AHD / TVI / CVI and CVBS
- Ultra-low light performance (0.001 lux B/W mode)
- Auto-Adjusting motorized Infrared Led beam angle to optimize IR illumination to match zoom lens magnification.
- 3D Digital noise reduction
- Electronic Image stabilization
- Auto-focus and automatic exposure control
- ONVIF 2.4 protocol (for remote PTZ support)
- RS-485 (for local PTZ support)
- PTZ – horizontal 80°/sec rotation, vertical 60°/sec tilt.
- PTZ presets and guard patrol support
- H.265, H.264 and MJPEG image encoding support.
- RTSP (real-time streaming protocol)
- P2P cloud monitoring support
- Built-in surge protection and voltage regulator.
- IP67 Outdoor environment rating



Specifications

Camera	Image Sensor	1/1.8" CMOS
	Effective pixels	2.0 Megapixel
	Lens	30X or 37X optical zoom
	Frame rate	25FPS & 30FPS
	Dual stream	H.265/H.264/MJPEG
	SDK Support	Standard ONVIF protocols, support SDK
	Focus mode	Auto
	Shutter	Auto/Manual; shutter time: 1/5 s ~ 1/5000 s
	Minimum Illumination	Colour: 0.005 Lux, B/W: 0.001 Lux (F1.5 AGC on) Black: 0.0001Lux @(F1.5,AGC ON)
	Day/Night	IR-cut filter with auto switch (ICR)
Video	Max. Resolution	1600*2500
	Video Compression	H.265 / H.264 / MJPEG
	Main stream	50Hz: 25fps (2688*1520,1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2688*1520,1920 × 1080, 1280 × 960, 1280 × 720)
Network	Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SI
	Compatible Integration	ONVIF2.4, GB/T28181
Pan & tilt	Pan Range	360°endless
	Pan Speed	0.05°~80°
	Tilt Range	-30°~40° (-20°~90°)
	Tilt Speed	0.5°~60°
	Number of Preset	255

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Specifications

Pan & tilt	Patrol	6 patrols, up to 18 presets per patrol
	Pattern	4, with the total recording time not less than 10 minutes
	Power loss recovery	Support
Infrared (white light optional)	IR Distance	150m
	IR Angle()	Adjustable by zoom
General	Power Supply	DC 12-24V
	Power consumption	35 W (light on)
	Dimension	Without damper: Φ 192(mm) \times 315(mm)
		With damper: Φ 192(mm) \times 351(mm)
	Working Environment	-40°C~65°
	Weight	6.4kg (without damper); 7.8kg (with damper, with cable)
Ingress Protection	IP 67	
Wiper	Optional	

Part codes

VPTZ-IPD-2MP-X30-IR/W	2MP Sensor with 30 x Zoom Lens
VPTZ-IPD-2MP-X37-IR/W	2MP Sensor with 37 x Zoom Lens